

HP EliteDesk 800 G4 Tower PC 5GP97UP (5GP97UP)



Raise the bar for performance, security, and manageability

Powered for the enterprise, the high-performance HP EliteDesk 800 TWR is one of our most secure and manageable PCs featuring superb expandability required by today's high-productivity workforce in a stylish chassis designed for the modern workplace.



HP recommends Windows 11 Pro for business

Ready for virtual reality

High-performance users will enjoy massive expansion, 8th Gen Intel® Core™ processors[4], and Intel® Optane™ memory[5]. Amplify performance with optional 95W processors[6], Thunderbolt™ [6], and high-end discrete graphics for viewing VR content[6].

Expansion that extends your investment

The HP EliteDesk 800 TWR has enormous expandability with five bays and four full-height slots including one slot for full-length double-wide graphics. Plus, three additional M.2 slots, and plenty of configurable ports.

Strong security, powerful manageability

Get powerful protection and simplified management from secure and manageable PCs. HP Sure Start Gen4[2] protects against BIOS attacks while the HP Manageability Integration Kit Gen2[7] allows you to easily manage devices.

Featuring

Let nothing stand in your way

Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity. [1]

Firmware level protection

Protect the firmware that antivirus can't reach! The hardware-enforced self-healing protection offered by HP Sure Start Gen4 automatically recovers the BIOS from malware, rootkits, or corruption. [2]

Protect critical security processes

Keep your critical applications and processes running even if malware tries to shut them down with self-healing protection. [8]

Browse confidently

Help protect your PC from websites and in-browser .pdf files infected with malware, ransomware, or viruses with HP Sure Click. [9]

Quick and secure recovery to the latest image

Quickly and securely restore PCs to the latest image using a network connection with HP Sure Recover. [10]

Specifications

Form factor	Tower
Operating system	Windows 10 Pro 64
Processor family	8th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-8500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) ^[6,7]
Chipset	Intel® Q370 (vPro); Intel® Q370 (non-vPro) ^[41]
Memory	8 GB DDR4-2666 MHz RAM (1 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 2.5" HDD; Two 3.5" HDD
External drive bays	1 slim ODD; One 5.25" ODD
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	15.4 x 37 x 36.5 cm
Minimum dimensions (W x D x H)	6.1 x 14.6 x 14.4 in
Weight	9.86 kg <i>(Exact weight depends on configuration.)</i>
Weight	21.73 lb <i>(Exact weight depends on configuration.)</i>
Pointing device	HP USB optical mouse
Ports	1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB 10Gbps signaling rate; 2 SuperSpeed USB 5Gbps signaling rate; 2 USB 2.0 ^[19]
Expansion slots	1 M.2 2230; 1 PCIe 3 x16; 1 PCIe 3 x16 (wired as x4); 2 M.2 2230/2280; 2 PCIe 3 x1 <i>(1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)</i>
Ports	1 headphone; 1 headset connector; 1 USB 2.0; 1 USB 2.0 (fast charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 2 SuperSpeed USB 10Gbps signaling rate
Package dimensions (W x D x H)	29.9 x 47.8 x 51.7 cm
Package weight	11.34 kg
Power	250 W internal power supply, up to 92% efficiency, active PFC
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Ivanti Management Suite ^[10,27,28,43]
Sustainable impact specifications	Low halogen
Security management	DriveLock; HP BIOSphere; HP Password Manager; HP Power On Authentication; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); RAID configurations; Removable media write/boot control; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Solenoid lock and hood sensor; HP Client Security Suite Gen 4; HP Sure Start Gen 4; HP Sure Run; Parallel enable/disable (via BIOS); Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified) ^[11,29,30,32,33,34,35,36,39]
UPC number	(A2K) 193808222887; (A2N) 193015767706; (A80) 193015768116; (AB1) 193015767492; (AB2) 193015767812; (AB4) 193015767911; (AB5) 193015767683; (AB6) 193015767461; (AB7) 193015767577; (AB8) 193015767782; (AB9) 193015767744; (ABA) 193015767638; (ABB) 193015767713; (ABC) 193015767874; (ABD) 193015767836; (ABE) 193015767805; (ABF) 193015767768; (ABG) 193015767546; (ABH) 193015767935; (ABM) 193015767690; (ABN) 193015767560; (ABT) 193015767614; (ABU) 193015767843; (ABV) 193015767539; (ABY) 193015767515; (ABZ) 193015767676; (AC4) 193015767607; (AC8) 193015767881; (ACB) 193015768093; (ACH) 193015767898; (ACJ) 193015767829; (ACQ) 193015767737; (AK8) 193015767522; (AKC) 193015767775; (AKD) 193015767669; (AKE) 193015767454; (AKL) 193015767720; (AKQ) 193015767386; (AKS) 193015767850; (AR6) 193015767485; (ARE) 193808310959; (B10) 193015767621; (BCM) 193015767928; (BED) 193015767478; (UUF) 193015767942; (UUG) 193015767508; (UUZ) 193015767652

Top Recommended Displays, Accessories and Services

Mice	
HP USB Fingerprint Mouse	4TS44AA

Keyboards	
HP Wireless Premium Keyboard	Z9N41AA

PC Locks	
HP Business PC Security Lock v3 Kit	3XJ17AA
HP Master Keyed Cable Lock 10mm	T1A63AA

PC Solid State Drives	
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

PC SATA Hard Drives	
HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AA

Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[2] HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.

[4] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[5] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.

[6] Sold separately or as an optional feature.

[8] HP Sure Run is available on HP Elite products equipped with 8th generation Intel® or AMD processors.

[9] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[10] HP Sure Recover is available on HP Elite PCs with 8th generation Intel® or AMD processors and requires an open, wired network connection. Not available on platforms with multiple internal storage drives or Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

Technical Specifications Footnotes

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[10] HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>

[11] HP BIOSphere Gen4: Requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.

[19] The TWR can support a single graphics card up to 75W. When configured with dual graphics cards support is limited to 35W for each.

[27] HP Manageability Integration Kit: Can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>

[28] Ivanti Management Suite: Subscription required.

[29] HP Client Security Suite Gen 4: Requires Windows and Intel® or AMD 8th generation processors.

[30] HP Password Manager: Requires Internet Explorer or Chrome or FireFox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.

[32] HP Sure Start Gen4: Is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.

[33] Firmware TPM: Is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[34] RAID configuration: Is optional and does require a second hard drive.

[35] HP Sure Run: Is available on HP Elite products equipped with 8th generation Intel® or AMD processors.

[36] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT), used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.

[39] HP Drive Lock is not supported on NVMe drives.

[41] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN card and discrete TPM 2.0 are required. See <http://intel.com/vpro>

[43] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

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